WEST Search History

DATE: Wednesday, April 02, 2003

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT; PLUR=YES; OP=ADJ		
L12	(i015036 or pta-3225) and (corn or maize)	0	L12
L11	l9 and pta-3225	0	L11
L10	L9 and i015036	0	L10
L9	L8 and l6 and l4 and l2	13	L9
L8	L7 and (corn or maize)	64	L8
L7	row direction adj5 straight	70	L7
L6	L5 and (corn or maize)	60	L6
L5	silk color adj5 green-yellow	60	L5
L4	L3 and (maize or corn)	421	L4
L3	glume color adj5 green	421	L3
L2	L1 and (maize or corn)	103	L2
L1	anther color adj5 pink	120	L1

END OF SEARCH HISTORY

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
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NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 40	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 41	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS 42	Feb 13	CANCERLIT is no longer being updated
NEWS 43	Feb 24	METADEX enhancements
NEWS 44	Feb 24	PCTGEN now available on STN
NEWS 45	Feb 24	TEMA now available on STN

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NEWS 46   Feb 26  NTIS now allows simultaneous left and right truncation
NEWS 47   Feb 26  PCTFULL now contains images
NEWS 48   Mar 04  SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 49   Mar 19  APOLLIT offering free connect time in April 2003
NEWS 50   Mar 20  EVENTLINE will be removed from STN
NEWS 51   Mar 24  PATDPAFULL now available on STN
NEWS 52   Mar 24  Additional information for trade-named substances without
                  structures available in REGISTRY
NEWS 53   Mar 24  Indexing from 1957 to 1966 added to records in CA/CAPLUS

NEWS EXPRESS  January 6 CURRENT WINDOWS VERSION IS V6.01a,
              CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
              AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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=> s anther color (10w) pinke
L1             0 ANTHER COLOR (10W) PINKE

=> s glume color (10w) green
L2             1 GLUME COLOR (10W) GREEN

=> d ti

L2   ANSWER 1 OF 1  BIOSIS  COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI   Comparisons of some agronomic traits between leaf color near-isogenic
     lines in rice.


=> s sheath pubescence (10w) moderate
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L3 0 SHEATH PUBESCENCE (10W) MODERATE

=> s internode direction (10w) straight
L4 0 INTERNODE DIRECTION (10W) STRAIGHT

=> s (corn or maize) and cap
L5 750 (CORN OR MAIZE) AND CAP

=> s l8 and orange
L8 NOT FOUND
The L-number entered could not be found. To see the definition of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l5 and orange
L6 3 L5 AND ORANGE

=> d 1-3 ti

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
TI The occurrence of phthalate ester and di-2-ethylhexyl adipate plasticizers in Canadian packaging and food sampled in 1985-1989: a survey

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS
TI Some problems in citrus products research

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS
TI The zinc content of the chief vegetable foods

=> d 1-3 ab

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
AB Selected foods (260 samples) packaged in materials with the potential to contribute plasticizers to the food, and available food composites (98 samples) obtained from the Canadian Health Protection Branch Total Diet Program, were analyzed for phthalate plasticizers and di-2-ethylhexyl adipate (DEHA). The available contacting packaging was also analyzed for plasticizers. The results show DEHA in food-contacting film and as a migrant in store-wrapped meat, poultry, fish, cheese and ready-to eat foods at levels as high as 310 .mu.g/g (cheese). DEHA levels in unheated film-wrapped ready-to-eat foods were increased by heating. The di-2-ethylhexyl, di-Bu, butylbenzyl and di-Et phthalate esters (DEHP, DBP, BBP and DEP, resp.) were also found in both the packaging and the contacted foods. Low levels of DEHP (0.065 .mu.g/g, av. in beverages and 0.29 .mu.g/g, av. in foods) assocd. with the use of DEHP-plasticized **cap** or lid seals, were found in a variety of glass-packaged foods; DBP, BBP and DEHP were found, as previously described, in butter and margarine as migrants from the aluminum foil-paper laminates; and DEP in pies at 1.8 .mu.g/g (av.) as a migrant from the pie carton windows. In most cases, plasticizers detected in the food were also found in the assocd. packaging. When possible, 'core' or non-contacting food portions were analyzed to verify the migration phenomena.

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS
AB After storage for 9 months at 40.degree.F., properly deaerated flash-pasteurized **orange** juice from sound fruit possessed a taste and aroma not greatly different from that of fresh juice. Storage of flash-pasteurized juice at 90-100F. caused an increase in reducing sugars, a corresponding decrease in nonreducing sugars and a slight increase in H-ion concn. **Orange** juice could not be successfully packed by exhausting, closing and sterilizing in the same manner that grapefruit juice is now commercially processed. Deaerated flash-pasteurized **orange** and grapefruit juice, packed in glass, darkened when stored at approx. 90.degree.F. regardless of whether the

caps were lacquered, Sn or Al, but darkening was not so great in the presence of Sn as in the presence of Al; darkening did not occur at 40.degree.F. irrespective of the compn. of the **cap** and there was no consistent relation between darkening and deterioration in flavor. **Orange** hearts could not be prepd. by lye peeling. When they were band-peeled, packed in vacuum (27-8 in.) and subsequently sterilized at 165.degree.F. for 35 min., the hearts became leathery after a short time. A method of producing an **orange** concentrate (6 to 1), which, when fortified with **orange** oil and dild. to its original strength, yields a product not unlike fresh juice, is described; syneresis is liable to occur in such concentrates. Grapefruit-seed oil was rendered palatable by treatment with NaOH and charcoal. A product solid at room temp. was obtained by hydrogenating the oil in the presence of a catalyst. Bubbling air through the oil at elevated temps. increased the viscosity and the drying properties. When it was treated with S chloride, the oil yielded a rubber substitute, similar to that obtained with cottonseed and **corn** oils.

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS

AB cf. C. A. 23, 1696. Zn was detd. in a large no. of food products on 200-1500-g. samples by the Ca zincate method (cf. B., Compt. rend. 115, 939, 1028(1892); B. and Javillier, Bull. soc. chim. [4], 1, 63 (1906); B. and Mokragnatz, C. A. 18, 363). With coconut "milk" only 82 g. was available, and no Zn was detected. The following results were obtained, expressed in mg. per kg. on the fresh material, on the dry basis and on the ash, resp.: whole mushrooms (Agar camp. I.) 28, 44 4, 308; whole esculent boletus (Bolet. edl. Fr.) 5.1, 36.9, 369; whole edible agaric (Canth. cib. Fr.) 12.4, 42.6, 711; agar-agar (Gelid and Grac.) 6.0, 7.7, 174; kernel of Pinus pinea 55.5, 59.3, 1329; whole oat seed (Aven. sat. L.) 19.5, 22.0, 542; oat straw-, 4.3, 54; whole wheat seed (Trit. sat. Lamk.) 16.0, 18.7, 854; wheat straw-, 21.8, 387; wheat bran 32.4, 38.0, 659; whole **corn** seed (Zea mays L.) 18.0, 20.4, 1385; whole millet seed (Panic. mil. L.) 17.0, 19.6, 810; whole barley seed (Hord. vulg. L.) 18.0, 21.2, 727; polished rice seed (Oryza sat. L.) 2.5, 2.9, 769; rice bran 30.0, 33.3, 160; whole rye seed (Secal. cer. L.) 12.0, 13.5, 716; rye straw- 25.5, 405; whole sorghum seed (Sorg. vulg. Pers.) 12.0, 13.8, 429; whole canary-grass seed 13.0, 15.0, 256; dry gramineous hay-, 24.0, 323; stone-free dates(Phoen. dact. L.) 3.4, 4.3, 94; solid coconut endosperm (Cocc. nuc. L.) 10.0, 17.2, 1053; garlic bulbs (All. sat. L.) 10.0, 31.7, 734; fresh asparagus sprouts (Asp. off. L.) 3.2, 51.6, 582; onion bulbs (All. cepa. L.) 13.8, 100.0, 1915; root-free leeks (All porr. L.) 2.3, 23.8, 235; pineapple fruit (An. vulg. Lind.) 2.6, 19.7, 353; edible portion of bananas (Musa parad. L.) 2.8, 9.0, 193; hazelnut kernel with tegument (Coryl. avell. L.) 10.0, 10.3, 400; hazelnut shells 2.9, 3.2, 266; chestnut kernels (Cast. sat. Scop.) 1.9, 4.1, 170; nut kernels with tegument (Jugl. reg. L.) 20.0, 24.2, 1259; whole fresh violet figs (Pic. car. L.) 1.2, 8.5, 203; whole dried Smyrna figs 3.6, 5.5, 164: whole hemp-seed 82.8, 90.3, 1280; whole sorrel leaves (Rum. acetosa L.) 2.2, 27.7, 240; rhubarb limbs (Rheum hyb. Moench) 2.4, 22.2, 127; rhubarb leafstalks 1.6, 19.6, 114; whole buckwheat seed (Polyg. fag. L.) 10.0, 11.8, 571; beet leafstalks (Beta vulg. L.) 0.2, 3.6, 16; red beet roots 9.3, 68.9, 712; fodder beet roots 3.3, 24.9, 283; whole spinach leaves (Spinac. oler. L.) 6.2, 120.7, 360; "crosne" tubers (Stachys tuberifera Maud.) 3.2, 14.7, 252; eggplant (Solan. escul. Dan.) 2.8, 37.8, 549; new potato tubers (Solan. tub. L.) 2.0, 11.3, 286; full-grown red potato tubers 4.0, 13.7, 420; com. potato starch 1.0, 1.2, 444; whole tomato fruit (Lycop. esc. Dun.) 2.4, 66.6, 511; sweet potato tubers (Conv. bat. L.) 2.3, 5.1, 186; withered aerial portion of endive chicory (Cichor. end. L.) 0.4, 7.5, 76; green aerial portion of chicory (Cicher. end. L.) 1.9, 22.4, 134; aerial portion of cabbage-lettuce (Lact. sat. L.) 4.7, 105.2, 500; aerial portion of Roman lettuce (Lact. sat. L.) 1.8, 41.9, 316; aerial portions of dandelion (Tarax. off. Wigg.) 9.7, 35.4, 212; salsify root (Trag. porr. L.) 2.2, 18.8, 576; whole sunflower seed (Heliant. ann. L.) 17.0, 11.4, 215 (there is evidently a misprint, as the

Zn content given for the fresh plant is higher than that on the dry basis); whole Jerusalem artichoke tubers (Heliant. tub. L.) 2.8, 101.0, 400; aerial portions of lamb's lettuce (Valerian. olit. Poll.) 5.4, 74.7, 344; carrot root (Dauc. car. L.) 1.1, 9.7, 133; carrot leaves 4.0, 25.6, 169; whole celery tubers (Apium grav. L.) 2.1, 16.1, 214; whole red currants (Ribes rub. L.) 2.0, 13.9, 233; whole gooseberries (Rib. uva-cr. L.) 1.0, 8.1, 130; whole cucumber fruit (Cuc. sat. L.) 1.6, 43.6, 337; edible portion of melon (Cuc. mel. L.) 0.9, 16.2, 183; edible portion of pumpkin (Cuc. max. L.) 2.1, 44.4, 438; inner portion of pomegranate (Punic, gran. L.) 2.5, 11.9, 410; fleshy pericarp of apricots (Armen. vulg. Lammk.) 0.4, 3.3, 46; whole fresh almonds (Amygd. comm. L.) 10.0, 69.6, 842; fresh almond pericarp 3.8, 11.4, 344; dried almond kernels 18.5, 21.5, 724; tegument of dried almonds 23.7, 73.6, 1296; dried almond shells 4.2, 5.0, 188; fleshy cherry pericarp (Ceras. vulg. Mill.) 1.5, 5.6, 205; strawberries (Frag. vest. L.) 0.9, 4.4, 131; whole medlar fruits (Cydon. vulg. Pers.) 1.9, 7.3, 270; fleshy pericarp of peaches (Pers. vulg. Mill.) 0.2, 2.0, 36; edible portion of russet apples (Malus comm. Poir.) 0.4, 2.9, 98; edible portion of another variety of apples (not specified) 1.6, 9.2, 632; edible portion of pears (Pir. comm. L.) 1.6, 9.2, 432; fleshy pericarp of plums (Prun. dom. L.) 0.3, 2.0, 62; whole peanut seeds (Arac. hyp. L.) 16.0, 16.8, 780; seedless carob (Cerat. sil. L.) 6.9, 7.9, 161; whole kidney-bean seeds (Phas. vulg. L.) 52.5, 56.4, 1500; whole, young green bean pods (Phas. sp. ?) 0.8, 8.3, 96; whole lentil seeds (Erv. lens L.) 24.5, 28.0, 1140; aerial portions of lucern (Medic. sat. L.) 4.0, 14.2, 160; whole pea seeds (Pis, sat, L.) 44.5, 48.5, 1620; whole soy seeds (Soja hips, Moenen) 20.0, 22.6, 615; whole yetch seeds (Vic. sat. L.) 23.0, 26.7, 754; whole white grapes (Vit. vin. L.) 2.0, 12.9, 444; whole black grapes 1.2, 9.1, 240; almost seedless dry Malaga grapes 2.0, 2.5, 88; juice from lemon slices (Citr. limm. Risso) 1.7, 24.0, 594; pressed lemon peel and residue 3.3, 22.7, 455; seedless mandarin slices (Citr. aur. Risso) 0.8, 7.5, 176; mandarin peel 3.9, 17.5, 323; seedless **orange** slices (Citr. aur. Risso) 1.7, 12.3, 296; **orange** peel 5.4, 20.2, 424; whole flax seed (Lin. usit, L.) 19.0, 30.0, 531; whole white-headed cabbage (Brass. ol. **cap**. D. C.) 1.6, 21.2, 176; white edible portion of cauliflower 2.3, 25.4, 295; cress stems and leaves (Nast. off. R. Br.) 5.6, 83.7, 560; turnip root (Brass. hap, esc. D. C.) 0.8, 18.2, 118; turnip leaves 2.1, 33.3, 154; pink radish roots (Raph. sat. L.) 1.6, 22.6, 108; pink radish leaves 4.5, 71.7, 280; Swedish turnip root (Brass. nap. L.) 3.0, 28.8, 333. Also in Bull. soc. chim. 45, 168-75(1929).

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=> d 1-3 so

L6   ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2003 ACS
SO   Food Additives and Contaminants (1995), 12(1), 129-51
     CODEN: FACOEB; ISSN: 0265-203X

L6   ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2003 ACS
SO   Proc. Fla. State Hort. Soc. (1933) 88-43

L6   ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2003 ACS
SO   Bull. soc. hyg. aliment. (1928), 16, 457-63


=> s i015036 and (corn or maize)
L7            0 I015036 AND (CORN OR MAIZE)

=> s pta 3225
L8            0 PTA 3225

=> s cob color (10w) red
L9            0 COB COLOR (10W) RED
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=> s silk color (10w) green yellow
L10             0 SILK COLOR (10W) GREEN YELLOW
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